

# Comparisons of Job Characteristics

**Focus Occupation: Carpenters (47-2031)**

**Associated Occupation: Construction and Building Inspectors (47-4011)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

**Focus Occupation: Carpenters (47-2031)**

**Associated Occupation: Construction and Building Inspectors (47-4011)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	21.4	17.5	<< Extensive education and/or training may be required
Engineering and Technology	5.7	15.3	7.9	<< Extensive education and/or training may be required
Design	5.2	14.0	12.2	< Expanded education and/or training may be required
Public Safety and Security	6.9	13.6	8.6	<< Extensive education and/or training may be required
Mathematics	9.2	13.4	12.8	0 Current knowledge level may be sufficient
Mechanical	6.8	11.8	12.6	0 Current knowledge level may be sufficient
Physics	4.3	10.1	4.6	<< Extensive education and/or training may be required
Law and Government	5.9	9.6	4.5	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 66

**Focus Occupation: Carpenters (47-2031)**

**Associated Occupation: Construction and Building Inspectors (47-4011)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Complex Problem Solving	9.1	10.7	7.0	<< Extensive development of skills in this area may be required
Quality Control Analysis	5.9	9.0	7.9	< A higher skill level may be required
Systems Evaluation	6.4	8.3	5.1	<< Extensive development of skills in this area may be required

Mathematics	6.2	8.1	8.0	0	Current skill level may be sufficient
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 52			
Focus Occupation: Carpenters (47-2031) Associated Occupation: Construction and Building Inspectors (47-4011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	13.6	9.4	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	13.5	10.2	<<	Extensive improvement in abilities may be required
Written Comprehension	11.0	12.5	8.2	<<	Extensive improvement in abilities may be required
Problem Sensitivity	11.1	11.9	10.4	<	Some improvement in abilities may be required
Near Vision	11.1	11.5	11.0	0	Current ability level may be sufficient
Deductive Reasoning	10.6	11.2	9.7	<	Some improvement in abilities may be required
Written Expression	9.8	11.2	6.7	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	11.1	8.8	<	Some improvement in abilities may be required
Far Vision	7.8	9.7	9.0	0	Current ability level may be sufficient
Visualization	7.5	9.3	11.3	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 48
Focus Occupation: Carpenters (47-2031) Associated Occupation: Construction and Building Inspectors (47-4011)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Direct and coordinate activities of workers or staff	3	
Maintain records, reports, or files	5	
Perform safety inspections in construction or resource extraction setting	46	
Prepare reports	8	
Read blueprints	10	
Read specifications	23	
Read tape measure	41	
Understand construction specifications	53	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 64

**Focus Occupation: Carpenters (47-2031)**

**Associated Occupation: Construction and Building Inspectors (47-4011)**

Tools and Technologies	Exclusivity
Business function specific software	1
Calculating machines and accessories	3
Computers	1
Content authoring and editing software	1
Data management and query software	1
Drafting supplies	9
Finance accounting and enterprise resource planning ERP software	2
Holding and clamping tools	3
Humidity and moisture measuring instruments	15
Indicating and recording instruments	2
Industry specific software	1
Land surveying instruments	19
Length and thickness and distance measuring instruments	2
Measuring and layout tools	3
Network applications software	1
Power tools	2
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.